

REMARKS

The Examiner has required an election under 35 U.S.C. § 121 to one of the following inventions:

- I. Claims 1-36 and 43 drawn to a method for generating a population of variant sequences, classified in class 435, subclass 91.1;
- II. Claims 37-39 drawn to a kit useful for the direct assembly of a target DNA molecule, classified in class 435, subclass 91.4;
- III. Claims 40-42 drawn to a donor library a plurality of donor vectors, classified in class 435, subclass 6; and
- IV. Claim 44 drawn to a computer readable medium, classified in class 707, subclass 1.

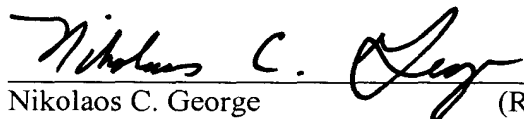
In response, Applicant elects to prosecute the invention of Group I, claims 1-36 and 43, in the present application. Claims 37-42 and 44 are canceled herein, without prejudice, as being drawn to a non-elected invention. Applicant reserves his right to pursue the subject matter of the canceled claims in one or more related other applications.

CONCLUSION

Applicant respectfully requests that the present amendment and remarks be entered and made of record in the instant application.

Respectfully submitted,

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